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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/677,631	10/03/2000	Masahiko Kitama	07136-00002(UBF2)	5472

7590 04/30/2002

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EXAMINER

LEE, BENNY T

ART UNIT PAPER NUMBER

2817

DATE MAILED: 04/30/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

UNITED STATES DEPARTMENT OF COMMERCE
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01/677,631

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.

EXAMINER	
ART UNIT	PAPER NUMBER
	3

DATE MAILED:

This is a communication from the examiner in charge of your application.

COMMISSIONER OF PATENTS AND TRADEMARKS

Location has been examined ☒ Responsive to communication filed on _____ ☐ This action is made final.statutory period for response to this action is set to expire Three (3) month(s), _____ days from the date of this letter.
Respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:

Notice of References Cited by Examiner, PTO-892.

Notice of Art Cited by Applicant, PTO-1449

Information on How to Effect Drawing Changes, PTO-1474

2. ☐ Notice re Patent Drawing, PTO-948.4. ☐ Notice of Informal Patent Application, Form PTO-1526. ☐ _____

SUMMARY OF ACTION

Claims 1-16 are pending in the application.

Of the above, claims _____ are withdrawn from consideration.

Claims _____ have been cancelled.

Claims _____ are allowed.

Claims 1, 2, 4-11, 13-16 are rejected.Claims 3, 12 are objected to.

Claims _____ are subject to restriction or election requirement.

If application has been filed with informal drawings which are acceptable for examination purposes until such time as allowable subject matter is indicated.

Allowable subject matter having been indicated, formal drawings are required in response to this Office action.

If corrected or substitute drawings have been received on _____, These drawings are: ☐ acceptable;
☐ not acceptable (see explanation).If ☐ proposed drawing correction and/or the ☐ proposed additional or substitute sheet(s) of drawings, filed on _____
(have) been ☐ approved by the examiner, ☐ disapproved by the examiner (see explanation).If proposed drawing correction, filed _____, has been ☐ approved, ☐ disapproved (see explanation). However,
Patent and Trademark Office no longer makes drawing changes. It is now applicant's responsibility to ensure that the drawings are
corrected. Corrections MUST be effected in accordance with the instructions set forth on the attached letter "INFORMATION ON HOW TO
EFFECT DRAWING CHANGES", PTO-1474.Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has ☐ been received ☐ not been received

_____ been filed in parent application, serial no. _____; filed on _____

If this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in
accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.

SN 677631

Art Unit: 2817

The disclosure is objected to because of the following informalities: Page 4, line 8 and page 5, line 13, note that "4A-B" should be rewritten as --4A-4B-- for consistency. Page 4, lines 9-13 and 16, 17, note that the respective description is inappropriate for the brief description and should be deleted. Page 4, lines 20, 21; page 5, line 1; page 7, lines 6, 7; note that --7-- should precede "B", "D", "G", "H", "K", "K", and "B", respectively. Page 5, last line, note that "4A-B" should be rewritten as --4B--only for consistency. Page 6, lines 12, 14, note that "01" and "02" should reference --(Figure 3)-- for consistency. Page 7, lines 1, 2, note that reference to "Figure 3" and "Figure 2" respectively in Fig. 5; lines 4, 15, note that reference to "Figure 7" is not consistent with the drawing figures; line 9, note that "brand" appears that it should correctly be --band--; line 14, note that "off line" should be rewritten as --offset-- for a better characterization.

Appropriate correction is required.

The disclosure is objected to because of the following informalities: Note that the following drawing figures need explicit description of the features in the specification: figs. 1, 2, 6, 7A, 7B, 7C, 7D, 7E, 7F, 7G, 7H, 7J, 7K, 8A, 8B.

Appropriate correction is required.

The drawings are objected to because of the following: In figs. 1, 2, 1A, note that these figures need to be labeled as --PRIOR ART--; in figs. 9, 10, should these figures also be labeled as --PRIOR ART--?; In fig. 4B, note that reference labels (1, 2, 3, 4) need to be labeled in fig. 4 as per page 6 of the specification.

Correction is required.

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Claims 3, 12 are objected to under 37 CFR 1.75© as being in improper form because a multiple dependent claim are not in the alternative. See MEP, § 608.01(n). Accordingly, the claim these claims are not been further treated on the merits.

Claims 1, 2; 4-11, 13-16 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claim 1, note that the recitation of the off line (offset) hole having a "pattern of conductive material " appears redundant given the earlier recitation that "each hole" has a "pattern of conductive material associated therewith. Also, note that "the fifth and sixth holes" lack strict antecedent basis.

In claim 4, note that reference to "the filter's side walls" is vague in meaning (i.e. width side wall, height side wall, etc?).

Moreover, note that "hole of lower (or higher) band" is vague in meaning.

In claims 13, 14, 15, 16, note that use of orientations "right" and "left" are not definite absent any orientations recited by these claims.

The following claims have been found objection able for reasons set forth below:

Note that the claims need to start on a separate sheet.

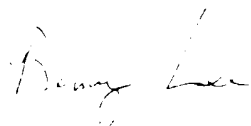
In claims 1, 4, 6, 7, 13-16, note that recitation of the hole being "off line" should be rewritten as being a hole which is --offset-- for proper characterization.

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In claim 1, note that "on the end of the three holes" should be rephrased as -- at the end of the at least three holes -- for consistency; note that "parallel to the edge" should be rephrased as -- parallel to an edge --for clarity; note that --said input/output pads on said one of said first sidewalls -- is suggested.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Hino (figs. 8,9) pertains to various coupling patterns for dielectric block filter structures. Nappaet et al pertains to a dielectric block filter having an offset resonator. Agahi-Kesheh et al pertains to a dielectric block filter with zero resonators.

Any inquiry concerning this communication should be directed to Benny Lee at telephone number (703) 308-4902

A handwritten signature in cursive script, appearing to read "Benny Lee".

B LEE/pj

04/11/02